



00862.022172

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: K. Nguyen
Yasuhiro SHIMADA et al.	)	
	:	Group Art Unit: 2881
Application No.: 09/819,669	)	
	:	Confirmation No.: 3218
Filed: March 29, 2001	)	
	:	Allowed: October 28, 2003
For: ELECTRON OPTICAL SYSTEM ARRAY,	)	
METHOD OF FABRICATING THE SAME,	:	January 28, 2004
CHARGED PARTICLE BEAM EXPOSURE	)	
APPARATUS, AND DEVICE	:	
MANUFACTURING METHOD	)	

**Mail Stop RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Further to the Information Disclosure Statements filed on October 23, 2001, January 29, 2003, June 5, 2003, and August 7, 2003, and in compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 form and to the copending application discussed below. Copies of the listed documents are also enclosed.

The Examiner's attention is also directed to copending U.S. patent application number 10/454,576, filed June 5, 2003. A copy of this application is also enclosed.

Applicants further request consideration of the Third Supplemental Information Disclosure Statement, which was filed on August 7, 2003, as requested in the Letter Requesting Consideration of Papers Timely Filed, which was filed on November 20, 2003.

In addition, Applicants again request consideration of the five published U.S. patent applications, which were cited in the Information Disclosure Statement filed on June 5,

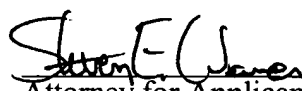
2003. Applicants submit that these documents were properly cited under the rules as being relevant information and, therefore, should be considered by the Examiner. These five published U.S. patent applications are again listed on the attached Form PTO-1449. No additional copies of these publications are provided, however, as they were previously provided with the Information Disclosure Statement filed on June 5, 2003.

Applicants request that the above information be considered by the Examiner and that a copy of the enclosed PTO-1449 form be initialed and returned indicating that such information has been considered.

No fee is believed to be due with the filing of this paper. Nevertheless, the Commissioner is authorized to charge Deposit Account No. 06-1205 should any fee be deemed necessary for filing this paper.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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Attorney for Applicants  
Steven E. Warner  
Registration No. 33,326

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
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SEW/eab



<b>FORM PTO 1449 (modified)</b>  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  January 28, 2004				ATTY DOCKET NO. 00862.022172		APPLICATION NO. 09/819,669	
				APPLICANT <b>Yasuhiro SHIMADA et al.</b>			
				FILING DATE <b>March 29, 2001</b>		GROUP <b>2881</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>US-4,569,033</b>	<b>02/04/1986</b>	<b>Collins et al.</b>	<b>364</b>	<b>845</b>	
		<b>US-5,260,579</b>	<b>11/09/1993</b>	<b>Yasuda et al.</b>	<b>250</b>	<b>492.2</b>	
		<b>US-4,607,167</b>	<b>08/19/1986</b>	<b>Petric</b>	<b>250</b>	<b>492.2</b>	
		<b>US-6,072,251</b>	<b>06/06/2000</b>	<b>Markle</b>	<b>310</b>	<b>12</b>	
		<b>2002/0000766 A1</b>	<b>01/03/2002</b>	<b>Ono et al.</b>	<b>313</b>	<b>240</b>	
		<b>2001/0052576 A1</b>	<b>12/20/2001</b>	<b>Shimada et al.</b>	<b>250</b>	<b>492.1</b>	
		<b>2002/0008207 A1</b>	<b>01/24/1992</b>	<b>Muraki et al.</b>	<b>250</b>	<b>398</b>	
		<b>2002/0051111 A1</b>	<b>05/02/2002</b>	<b>Greene et al.</b>	<b>349</b>	<b>149</b>	
		<b>2002/0005491 A1</b>	<b>01/17/2002</b>	<b>Yagi et al.</b>	<b>250</b>	<b>396</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>56-19402</b>	<b>05/08/1981</b>	<b>Japan</b>			<b>Y s</b>
		<b>2001-126651</b>	<b>05/11/2001</b>	<b>Japan</b>			<b>Abstract</b>
		<b>6-44093</b>	<b>02/18/1994</b>	<b>Japan</b>			<b>Partial</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

January 28, 2004

ATTY DOCKET NO. 00862.022172

APPLICATION NO. 09/819,669

APPLICANT Yasuhiro SHIMADA et al.

FILING DATE March 29, 2001

GROUP 2881

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2002/0179855 A1	12/05/2002	Muraki	250	492.22	
		2002/0160311 A1	10/31/2002	Muraki et al.	430	926	
		US-6,566,644 B2	05/20/2003	Muraki	250	492.22	
		US-6,617,595 B1	09/09/2003	Okunuki	250	492.22	
		US-6,603,128 B2	08/05/2003	Maehara et al.	250	441.11	
		2003/0209673 A1	11/13/2003	Ono et al.	250	396 R	
		2003/0094584 A1	05/22/2003	Yui et al.	250	492.22	
		US-6,188,074 B1	02/13/2001	Satoh et al.	250	492.22	
		2002/0009901 A1	01/24/2002	Maehara et al.	438	795	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	

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